



Day : Tuesday
Date: 4/27/2004

Time: 14:58:38

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.
Additionally, enter the **first few letters** of the Inventor's First name.

Last Name

First Name

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Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)



Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.
Additionally, enter the **first few letters** of the Inventor's First name.

Last Name**First Name**

kung

andrew

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Set	Items	Description
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? begin 5,6,55,154,155,156,312,399,biotech,biosci

Set	Items	Description
? s (identif? or screen? or assay?) (5n) hypoxi? (5n) transcript?		
Processing		
Processed 10 of 34 files ...		
Processing		
Processed 20 of 34 files ...		
Completed processing all files		
	6883511	IDENTIF?
	1867155	SCREEN?
	3192572	ASSAY?
	403392	HYPOXI?
	2550729	TRANSCRIPT?
S1	466	(IDENTIF? OR SCREEN? OR ASSAY?) (5N) HYPOXI? (5N) TRANSCRIPT?
? s s1 and reporter?		
	466	S1
	273251	REPORTER?
S2	94	S1 AND REPORTER?
? s s2 and (erythropoietin or iNOS or glucose (n) transporter? or ALDA or transferrin)		
	94	S2
	121459	ERYTHROPOIETIN
	52206	INOS
	1724745	GLUCOSE
	309226	TRANSPORTER?
	49991	GLUCOSE(N) TRANSPORTER?
	567	ALDA
	145960	TRANSFERRIN
S3	25	S2 AND (ERYTHROPOIETIN OR INOS OR GLUCOSE (N) TRANSPORTER? OR ALDA OR TRANSFERRIN)
? rd s3		
...completed examining records		
	S4	7 RD S3 (unique items)
? d s4/3/1-7		
Display 4/3/1 (Item 1 from file: 5)		
DIALOG(R)File 5:Biosis Previews(R)		
(c) 2004 BIOSIS. All rts. reserv.		
0013831314 BIOSIS NO.: 200200424825		
NADPH-cytochrome P-450 reductase in the plasma membrane modulates the activation of hypoxia-inducible factor 1		
AUTHOR: Osada Mayuko; Imaoka Susumu (Reprint); Sugimoto Toshikado; Hiroi Toyoko; Funae Yoshihiko		
AUTHOR ADDRESS: School of Science and Technology, Kwansei Gakuin University, 2-1 Gakuen, Sanda, 669-1337, Japan**Japan		
JOURNAL: Journal of Biological Chemistry 277 (26): p23367-23373 June 28, 2002 2002		
MEDIUM: print		
ISSN: 0021-9258		
DOCUMENT TYPE: Article		
RECORD TYPE: Abstract		
LANGUAGE: English		

- end of record -

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Display 4/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0011987238 BIOSIS NO.: 199900246898
Cross-talk between the aryl hydrocarbon receptor and hypoxia inducible

factor signaling pathways. Demonstration of competition and compensation
AUTHOR: Chan William K; Yao Guang; Gu Yi-Zhong; Bradfield Christopher A
(Reprint)
AUTHOR ADDRESS: McArdle Laboratory for Cancer Research, 1400 University
Ave., Madison, WI, 53706, USA**USA
JOURNAL: Journal of Biological Chemistry 274 (17): p12115-12123 April 23,
1999 1999
MEDIUM: print
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

?

Display 4/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0011152097 BIOSIS NO.: 199799786157
Differential transcriptional regulation of the two vascular endothelial
growth factor receptor genes: Flt-1, but not Flk-1/KDR, is up-regulated
by hypoxia
AUTHOR: Gerber Hans-Peter; Condorelli Fabrizio; Park Jeanie; Ferrara
Napoleone (Reprint)
AUTHOR ADDRESS: Dep. Cardiovascular Res., Genentech Inc., 460 Point San
Bruno Blvd., South San Francisco, CA 94080, USA**USA
JOURNAL: Journal of Biological Chemistry 272 (38): p23659-23667 1997 1997
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

? d s4/9/3

Display 4/9/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0011152097 BIOSIS NO.: 199799786157
Differential transcriptional regulation of the two vascular endothelial
growth factor receptor genes: Flt-1, but not Flk-1/KDR, is up-regulated
by hypoxia
AUTHOR: Gerber Hans-Peter; Condorelli Fabrizio; Park Jeanie; Ferrara
Napoleone (Reprint)
AUTHOR ADDRESS: Dep. Cardiovascular Res., Genentech Inc., 460 Point San
Bruno Blvd., South San Francisco, CA 94080, USA**USA
JOURNAL: Journal of Biological Chemistry 272 (38): p23659-23667 1997 1997
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

ABSTRACT: Vascular endothelial growth factor (VEGF) and its two endothelial
cell-specific receptor tyrosine kinases, Flk-1/KDR and Flt-1, play a key

-more-

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Display 4/9/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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role in physiological and pathological angiogenesis. Hypoxia has been
shown to be a major mechanism for up-regulation of VEGF and its receptors

in vivo. When we exposed human umbilical vein endothelial cells to hypoxic conditions in vitro, we observed increased levels of Flt-1 expression. In contrast, Flk-1/KDR mRNA levels were unchanged or slightly repressed. These findings suggest a differential ***transcriptional*** regulation of the two receptors by ***hypoxia***. To ***identify*** regulatory elements involved in the hypoxic response, promoter regions of the mouse Flt-1 and Flk-1/KDR genes were isolated and tested in conjunction with luciferase ***reporter*** gene. In transient transfection **assays, hypoxia** led to strong **transcriptional** activation of the Flt-1 promoter, whereas Flk-1/KDR transcription was essentially unchanged. Promoter deletion analysis demonstrated a 430-bp region of the Flt-1 promoter to be required for transcriptional activation in response to hypoxia. This region includes a heptamer sequence matching the hypoxia-inducible factor-1 (HIF) consensus binding site previously found in other hypoxia-inducible genes such as

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Display 4/9/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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the VEGF gene and ***erythropoietin*** gene. We further narrowed down the element mediating the hypoxia response to a 40-base pair sequence including the putative HIF binding site. We show that this element acts like an enhancer, since it activated transcription irrespective of its location or orientation in the construct. Furthermore, mutations within the putative HIF consensus binding site lead to impaired transcriptional activation by hypoxia. These findings indicate that, unlike the KDR/Flk-1 gene, the Flt-1 receptor gene is directly up-regulated by hypoxia via a hypoxia-inducible enhancer element located at positions -976 to -937 of the Flt-1 promoter.

REGISTRY NUMBERS: 80449-02-1: TYROSINE KINASE
DESCRIPTORS:

MAJOR CONCEPTS: Biochemistry and Molecular Biophysics; Cell Biology;
Enzymology--Biochemistry and Molecular Biophysics; Genetics; Molecular
Genetics--Biochemistry and Molecular Biophysics
BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata,

-more-

? d s4/3/4-7

Display 4/3/4 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

134036999 CA: 134(4)36999g PATENT
Identification of compounds that modify transcriptional responses to
hypoxia
INVENTOR(AUTHOR): Livingston, David M.; Kung, Andrew L.; Bhattacharya,
Shoumo
LOCATION: USA
ASSIGNEE: Dana-Farber Cancer Institute, Inc.
PATENT: PCT International ; WO 200074725 A1 DATE: 20001214
APPLICATION: WO 2000US15325 (20000602) *US PV137625 (19990604)
PAGES: 37 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-048/00A;
C12Q-001/00B DESIGNATED COUNTRIES: CA; JP; US DESIGNATED REGIONAL: AT; BE
; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

- end of record -

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Display 4/3/5 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2004 Inst for Sci Info. All rts. reserv.

[illegible]

Processing
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 Processed 10 of 34 files ...
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 Processed 20 of 34 files ...
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 Processed 30 of 34 files ...
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 Completed processing all files
 466 S1
 97524033 IN
 2578419 VIVO
 2497680 IN(N)VIVO
 30696253 ANIMAL?
 7906632 ANIMAL
 12752684 MODEL?
 1332074 ANIMAL(5N)MODEL?
 6325709 RAT
 12752684 MODEL?
 142461 RAT(N)MODEL?
 3330624 MOUSE
 12752684 MODEL?
 142790 MOUSE(N)MODEL?
 S5 271 S1 AND (IN (N) VIVO OR ANIMAL? OR ANIMAL (5N) MODEL? OR
 RAT (N) MODEL? OR MOUSE (N) MODEL?)
 ? s s5 and reporter?
 271 S5
 273251 REPORTER?
 S6 57 S5 AND REPORTER?
 ? rd s6
 ...examined 50 records (50)
 ...completed examining records
 S7 25 RD S6 (unique items)
 ? d s7/3/1-25
 Display 7/3/1 (Item 1 from file: 5)
 DIALOG(R)File 5: BIOSIS Previews(R)
 (c) 2004 BIOSIS. All rts. reserv.

 0014742526 BIOSIS NO.: 200400112232
 Genetic amplification of the **transcriptional** response to
 hypoxia as a novel means of **identifying** regulators of
 angiogenesis.
 AUTHOR: White Jonathan Richard (Reprint); Harris Robert A; Lee Sheena R;
 Craigon Marie H; Binley Katie; Price Toby; Beard Georgina L; Mundy
 Christopher R; Naylor S
 AUTHOR ADDRESS: Biological Systems Group, Oxford BioMedica (UK) Ltd.,
 Oxford, OX4 4GA, UK**UK
 AUTHOR E-MAIL ADDRESS: j.white@oxfordbiomedica.co.uk
 JOURNAL: Genomics 83 (1): p1-8 January 2004 2004
 MEDIUM: print
 ISSN: 0888-7543 (ISSN print)
 DOCUMENT TYPE: Article
 RECORD TYPE: Abstract
 LANGUAGE: English

- end of record -

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Display 7/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0014322322 BIOSIS NO.: 200300276855
Cyclosporin a prevents the hypoxic adaptation by activating
hypoxia-inducible factor-1alpha Pro-564 hydroxylation.
AUTHOR: D'Angelo Gisela (Reprint); Duplan Eric; Vigne Paul; Frelin
Christian
AUTHOR ADDRESS: Institut de Pharmacologie Moleculaire et Cellulaire du
CNRS, 660 Route des Lucioles, Sophia-Antipolis, Valbonne, 06560, France**
France
AUTHOR E-MAIL ADDRESS: dangelo@ipmc.cnrs.fr
JOURNAL: Journal of Biological Chemistry 278 (17): p15406-15411 April 25,
2003 2003
MEDIUM: print
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

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Display 7/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0014221750 BIOSIS NO.: 200300180469
Identification of residues critical for regulation of protein stability and
the transactivation function of the hypoxia-inducible factor-1alpha by
the von Hippel-Lindau tumor suppressor gene product.
AUTHOR: Pereira Teresa; Zheng Xiaowei; Ruas Jorge L; Tanimoto Keiji;
Poellinger Lorenz (Reprint)
AUTHOR ADDRESS: Dept. of Cell and Molecular Biology, Karolinska Institutet,
S-171 77, Stockholm, Sweden**Sweden
AUTHOR E-MAIL ADDRESS: lorenz.poellinger@cmb.ki.se
JOURNAL: Journal of Biological Chemistry 278 (9): p6816-6823 February 28,
2003 2003
MEDIUM: print
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

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Display 7/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0013848007 BIOSIS NO.: 200200441518
Identification of small molecule inhibitors of **hypoxia**
-inducible factor 1 **transcriptional** activation pathway
AUTHOR: Rapisarda Annamaria; Uranchimeg Badarch; Scudiero Dominic A; Selby
Mike; Sausville Edward A; Shoemaker Robert H; Melillo Giovanni (Reprint)
AUTHOR ADDRESS: DTP-Tumor Hypoxia Laboratory, National Cancer Institute at
Frederick, Building 432, Room 218, Frederick, MD, 21702, USA**USA
JOURNAL: Cancer Research 62 (15): p4316-4324 August 1, 2002 2002
MEDIUM: print
ISSN: 0008-5472
DOCUMENT TYPE: Article
RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 7/3/5 (Item 5 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0013831314 BIOSIS NO.: 200200424825

NADPH-cytochrome P-450 reductase in the plasma membrane modulates the
activation of hypoxia-inducible factor 1

AUTHOR: Osada Mayuko; Imaoka Susumu (Reprint); Sugimoto Toshikado; Hiroi
Toyoko; Funae Yoshihiko

AUTHOR ADDRESS: School of Science and Technology, Kwansei Gakuin
University, 2-1 Gakuen, Sanda, 669-1337, Japan**Japan

JOURNAL: Journal of Biological Chemistry 277 (26): p23367-23373 June 28,
2002 2002

MEDIUM: print

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

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Display 7/3/6 (Item 6 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0013046081 BIOSIS NO.: 200100217920

Gene therapy targeting for hepatocellular carcinoma: Selective and enhanced
suicide gene expression regulated by a hypoxia-inducible enhancer linked
to a human alpha-fetoprotein promoter

AUTHOR: Ido Akio; Uto Hirofumi; Moriuchi Akihiro; Nagata Kenji; Onaga
Yukiko; Onaga Masaaki; Hori Takeshi; Hirono Shuichi; Hayashi Katsuhiko;
Tamaoki Taiki; Tsubouchi Hirohito (Reprint)

AUTHOR ADDRESS: Department of Internal Medicine II, Miyazaki Medical
College, 5200 Kihara, Kiyotake, Miyazaki, 889-1692, Japan**Japan

JOURNAL: Cancer Research 61 (7): p3016-3021 April 1, 2001 2001

MEDIUM: print

ISSN: 0008-5472

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

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Display 7/3/7 (Item 7 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0012384518 BIOSIS NO.: 200000102831

Egr-1 mediates transcriptional activation of IGF-II gene in response to
hypoxia

AUTHOR: Bae Soo-Kyung; Bae Myung-Ho; Ahn Mee-Young; Son Myung Jin; Lee You
Mie; Bae Moon-Kyoung; Lee Ok-Hee; Park Byung Chae; Kim Kyu-Won (Reprint)

AUTHOR ADDRESS: Department of Molecular Biology, Pusan National University,
Pusan, 609-735, South Korea**South Korea

JOURNAL: Cancer Research 59 (23): p5989-5994 Dec. 1, 1999 1999

MEDIUM: print

ISSN: 0008-5472

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

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Display 7/3/8 (Item 8 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0012323899 BIOSIS NO.: 200000042212

EPAS1 trans-activation during hypoxia requires p42/p44 MAPK

AUTHOR: Conrad P William; Freeman Thomas L; Beitner-Johnson Dana; Millhorn David E (Reprint)

AUTHOR ADDRESS: Dept. of Molecular and Cellular Physiology, College of Medicine, University of Cincinnati, Cincinnati, OH, 45267-0576, USA**USA

JOURNAL: Journal of Biological Chemistry 274 (47): p33709-33713 Nov. 19, 1999 1999

MEDIUM: print

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 7/3/9 (Item 9 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0011987238 BIOSIS NO.: 199900246898

Cross-talk between the aryl hydrocarbon receptor and hypoxia inducible factor signaling pathways. Demonstration of competition and compensation

AUTHOR: Chan William K; Yao Guang; Gu Yi-Zhong; Bradfield Christopher A (Reprint)

AUTHOR ADDRESS: McArdle Laboratory for Cancer Research, 1400 University Ave., Madison, WI, 53706, USA**USA

JOURNAL: Journal of Biological Chemistry 274 (17): p12115-12123 April 23, 1999 1999

MEDIUM: print

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

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Display 7/3/10 (Item 10 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0011635190 BIOSIS NO.: 199800429437

Hypoxia induces high-mobility-group protein I(Y) and transcription of the cyclooxygenase-2 gene in human vascular endothelium

AUTHOR: Ji Yan-Shan; Xu Qing; Schmedtje John F Jr (Reprint)

AUTHOR ADDRESS: Section Cardiol., Wake Forest Univ. Sch. Med., Medical Center Blvd., Winston-Salem, NC 27157, USA**USA

JOURNAL: Circulation Research 83 (3): p295-304 Aug., 1998 1998

MEDIUM: print

ISSN: 0009-7330

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

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Display 7/9/10 (Item 10 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0011635190 BIOSIS NO.: 199800429437

Hypoxia induces high-mobility-group protein I(Y) and transcription of the cyclooxygenase-2 gene in human vascular endothelium

AUTHOR: Ji Yan-Shan; Xu Qing; Schmedtje John F Jr (Reprint)

AUTHOR ADDRESS: Section Cardiol., Wake Forest Univ. Sch. Med., Medical Center Blvd., Winston-Salem, NC 27157, USA**USA

JOURNAL: Circulation Research 83 (3): p295-304 Aug., 1998 1998

MEDIUM: print

ISSN: 0009-7330

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: Cyclooxygenases catalyze a rate-limiting step in the synthesis of vascular endothelial prostaglandins. Expression of the inducible cyclooxygenase-2 (COX-2) gene is increased by hypoxia in human vascular

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Display 7/9/10 (Item 10 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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endothelial cells via the nuclear factor (NF)-kappaB p65 transcription factor, which is necessary but not sufficient to fully induce COX-2 transcription in response to hypoxia. After finding that cytoplasmic NF-kappaB p65 and IkappaBalpha (an inhibitory protein that binds NF-kappaB p65 precursors) levels are not changed by hypoxia, we hypothesized that other factors might play a role in regulating the COX-2 promoter, like the high-mobility-group (HMG) I(Y) family of proteins, which features multiple A-T hooks and is associated with NF-kappaB-mediated transactivation. Nuclear protein obtained from human umbilical vein endothelial cells (HUVECs) was supplemented with HMG I(Y) during electrophoretic mobility shift assays using an NF-kappaB-3' element probe. These data suggested that HMG I(Y) proteins interact with NF-kappaB p65 to induce COX-2 promoter activity. We also found that TATA-box DNA demonstrated increased electrophoretic shifting indicative of DNA binding after incubation with either hypoxic HUVEC nuclear protein or normoxic nuclear protein supplemented with HMG I(Y). Transfection of HUVECs with an expression vector containing the COX-2 promoter ligated to

-more-

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DIALOG(R)File 5:Biosis Previews(R)

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HMG I(Y) cDNA demonstrated positive feedback on COX-2 promoter activity in ***hypoxia***. We confirmed that COX-2 is ***transcriptionally*** regulated by ***hypoxia*** using a nuclear runoff ***assay***. **Hypoxia** increased steady-state cellular levels of HMG I(Y) mRNA as an early event, corresponding with increases in HMG I(Y) protein. Overexpression of HMG I(Y) was associated in a dose-response relationship with increasing prevalence of the COX-2 protein in hypoxic HUVECs. Furthermore, sense (and antisense) HMG I(Y) overexpression caused stimulation (or inhibition) of COX-2 promoter activity as measured by luciferase ***reporter*** gene expression. The physiological significance of these findings was demonstrated by cyclooxygenase-dependent release of prostaglandin E2 by HUVECs in hypoxia. We concluded that hypoxia increases expression of HMG I(Y) proteins while facilitating

transactivation of the COX-2 promoter. The HMG I(Y) family of proteins may therefore function as part of a hypoxia-induced enhanceosome that helps to promote

-more-

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Display 7/9/10 (Item 10 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

DESCRIPTORS:

MAJOR CONCEPTS: Cardiovascular System--Transport and Circulation;

Molecular Genetics--Biochemistry and Molecular Biophysics

BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata,

Animalia

ORGANISMS: HUVEC (Hominidae)--human umbilical vein endothelial cells

COMMON TAXONOMIC TERMS: **Animals**; Chordates; Humans; Mammals;

Primates; Vertebrates

CHEMICALS & BIOCHEMICALS: cyclooxygenase-2 gene--promoter activity,

transcription; high-mobility-group protein I(Y)--induction

MISCELLANEOUS TERMS: hypoxia

CONCEPT CODES:

14501 Cardiovascular system - General and methods

02508 Cytology - Human

03508 Genetics - Human

10060 Biochemistry studies - General

BIOSYSTEMATIC CODES:

-more-

? d s7/3/11-27

Display 7/3/11 (Item 11 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0011552299 BIOSIS NO.: 199800346546

Carbon monoxide and nitric oxide suppress the hypoxic induction of vascular endothelial growth factor gene via the 5' enhancer

AUTHOR: Liu Yuxiang; Christou Helen; Morita Toshisuke; Laughner Erik;

Semenza Gregg L; Kourembanas Stella (Reprint)

AUTHOR ADDRESS: Children's Hospital, 300 Longwood Ave., Enders 9, Boston, MA 02115, USA**USA

JOURNAL: Journal of Biological Chemistry 273 (24): p15257-15262 June 12, 1998 1998

MEDIUM: print

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

? d s7/3/12-27

Display 7/3/12 (Item 12 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0011152097 BIOSIS NO.: 199799786157

Differential transcriptional regulation of the two vascular endothelial growth factor receptor genes: Flt-1, but not Flk-1/KDR, is up-regulated by hypoxia

AUTHOR: Gerber Hans-Peter; Condorelli Fabrizio; Park Jeanie; Ferrara

Napoleone (Reprint)

AUTHOR ADDRESS: Dep. Cardiovascular Res., Genentech Inc., 460 Point San Bruno Blvd., South San Francisco, CA 94080, USA**USA

JOURNAL: Journal of Biological Chemistry 272 (38): p23659-23667 1997 1997

ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

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Display 7/3/13 (Item 1 from file: 154)
DIALOG(R)File 154:MEDLINE(R)
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16062678 PMID: 15048876

Promoter activity and regulation of the corneal CYP4B1 gene by hypoxia.
Mastyugin Vladimir; Mezentsev Alexandre; Zhang Wen-Xiang; Ashkar Silvia;
Dunn Michael W; Laniado-Schwartzman Michal
Department of Pharmacology, New York Medical College, Valhalla, New York
10595, USA.
Journal of cellular biochemistry (United States) Apr 15 2004, 91 (6)
p1218-38, ISSN 0730-2312 Journal Code: 8205768
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: In Process

- end of record -

?

Display 7/3/14 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

139160696 CA: 139(11)160696y JOURNAL
HIF-1-dependent VEGF reporter gene assay by a stable transformant of CHO
cells
AUTHOR(S): Yamazaki, Yohko; Egawa, Kiyoshi; Nose, Kiyoshi; Kunitomo,
Setsuko; Takeuchi, Tomio
LOCATION: Institute of Microbial Chemistry, Tokyo, Japan, 141-0021
JOURNAL: Biol. Pharm. Bull. (Biological & Pharmaceutical Bulletin)
DATE: 2003 VOLUME: 26 NUMBER: 4 PAGES: 417-420 CODEN: BPBLEO ISSN:
0918-6158 LANGUAGE: English PUBLISHER: Pharmaceutical Society of Japan

- end of record -

?

Display 7/3/15 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

139018382 CA: 139(2)18382z PATENT
Human hypoxia regulatory nucleic acid assay for diagnostic and library
screens
INVENTOR(AUTHOR): Erives, Albert J.
LOCATION: USA
ASSIGNEE: Aulix Biopharma, Inc.
PATENT: PCT International ; WO 200346133 A2 DATE: 20030605
APPLICATION: WO 2002US37412 (20021120) *US 989993 (20011121)
PAGES: 88 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-000/A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD;
SE; SG; SI; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZM;
ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS
; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE;

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Display 7/3/15 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; SK; TR; BF; BJ; CF; CG; CI;
CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

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Display 7/3/16 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

138283308 CA: 138(19)283308k PATENT
An assay for human HIF prolyl hydroxylase using a peptide substrate,
identification of human HPH isoenzymes, and drug screening applications
INVENTOR(AUTHOR): McKnight, Steven L.; Bruick, Richard K.
LOCATION: USA
ASSIGNEE: Board of Regents, the University of Texas System
PATENT: PCT International ; WO 200328663 A2 DATE: 20030410
APPLICATION: WO 2002US31832 (20021003) *US 972784 (20011004)
PAGES: 24 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-000/A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE;
SG; SI; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZM; ZW; AM;
AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ;
; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI;

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DIALOG(R)File 399:CA SEARCH(R)
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FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; SK; TR; BF; BJ; CF; CG; CI; CM; GA;
GN; GQ; GW; ML; MR; NE; SN; TD; TG

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Display 7/3/17 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

138250507 CA: 138(17)250507w PATENT
Asparagine hydroxylation of the C-terminal transactivation domains of
hypoxia inducible factors as a regulator of transcriptional activity
INVENTOR(AUTHOR): Whitelaw, Murray L.; Lando, David; Peet, Daniel J.;
Gorman, Jeffrey J.; Linke, Sarah
LOCATION: Australia
ASSIGNEE: Adelaide Research & Innovation Pty. Ltd.
PATENT: PCT International ; WO 200325013 A1 DATE: 20030327
APPLICATION: WO 2002AU1290 (20020918) *AU 20017738 (20010918)
PAGES: 53 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-014/47A;
C07K-019/00B; C07H-021/02B; C07H-021/04B; C12N-005/18B; C12N-005/22B;
G01N-033/573B; G01N-033/53B; C12Q-001/26B DESIGNATED COUNTRIES: AE; AG; AL
; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE;
DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP;
KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX;
MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TN; TR;

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Display 7/3/17 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU;
TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM
; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LU;
MC; NL; PT; SE; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE;
SN; TD; TG

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Display 7/3/18 (Item 5 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

134036999 CA: 134(4)36999g PATENT
Identification of compounds that modify transcriptional responses to
hypoxia
INVENTOR(AUTHOR): Livingston, David M.; Kung, Andrew L.; Bhattacharya,
Shoumo
LOCATION: USA
ASSIGNEE: Dana-Farber Cancer Institute, Inc.
PATENT: PCT International ; WO 200074725 A1 DATE: 20001214
APPLICATION: WO 2000US15325 (20000602) *US PV137625 (19990604)
PAGES: 37 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-048/00A;
C12Q-001/00B DESIGNATED COUNTRIES: CA; JP; US DESIGNATED REGIONAL: AT; BE
; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

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Display 7/3/19 (Item 6 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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134016520 CA: 134(2)16520r PATENT
Interaction between the VHL tumor suppressor and hypoxia inducible
factor, and assay methods relating thereto
INVENTOR(AUTHOR): Ratcliffe, Peter John; Maxwell, Patrick Henry; Pugh,
Christopher William
LOCATION: UK,
ASSIGNEE: Isis Innovation Ltd.
PATENT: PCT International ; WO 200069908 A1 DATE: 20001123
APPLICATION: WO 2000GB1826 (20000512) *GB 9911047 (19990512)
PAGES: 56 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-014/47A;
G01N-033/68B; A61P-009/00B DESIGNATED COUNTRIES: JP; US
DESIGNATED REGIONAL: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT;
LU; MC; NL; PT; SE

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Display 7/3/20 (Item 7 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

131028645 CA: 131(3)28645m PATENT
Proteins and cDNAs belonging to the bHLH-PAS superfamily of transcription
regulators
INVENTOR(AUTHOR): Bradfield, Christopher A.; Gu, Yi Zhong; Hogenesch,
John B.
LOCATION: USA
ASSIGNEE: Wisconsin Alumni Research Foundation
PATENT: PCT International ; WO 9928464 A2 DATE: 19990610

APPLICATION: WO 98US25314 (19981127) *US 66863 (19971128)
PAGES: 106 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/12A;
C07K-014/47B; C12N-015/11B; C07K-016/18B; G01N-033/50B
DESIGNATED COUNTRIES: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN;
CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IS; JP; KE;
KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ;
PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN;
YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE

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DIALOG(R)File 399:CA SEARCH(R)
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; LS; MW; SD; SZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE;
IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN;
TD; TG

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Display 7/3/21 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2004 Inst for Sci Info. All rts. reserv.
09354344 Genuine Article#: 397LV No. References: 41
Title: CD13/APN is activated by angiogenic signals and is essential for
capillary tube formation
Author(s): Bhagwat SV; Lahdenranta J; Giordano R; Arap W; Pasqualini R;
Shapiro LH (REPRINT)
Corporate Source: St Jude Childrens Res Hosp, Dept Pathol, 332 N Lauderdale
St/Memphis//TN/38105 (REPRINT); St Jude Childrens Res Hosp, Dept
Pathol, Memphis//TN/38105; MD Anderson Res Hosp, Dept Med, Houston//TX/
Journal: BLOOD, 2001, V97, N3 (FEB 1), P652-659
ISSN: 0006-4971 Publication date: 20010201
Publisher: AMER SOC HEMATOLOGY, 1900 M STREET. NW SUITE 200, WASHINGTON, DC
20036 USA
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

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Display 7/3/22 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.
11713999 EMBASE No: 2002286547
Vascular endothelial growth factor gene expression in a retinal pigmented
cell is up-regulated by glucose deprivation through 3prime UTR
Iida K.; Kawakami Y.; Sone H.; Suzuki H.; Yatoh S.; Isobe K.; Takekoshi
K.; Yamada N.
Y. Kawakami, Department of Internal Medicine, Institute of Clinical
Medicine, University of Tsukuba, 1-1-1 Tennoudai, Tsukuba, Ibaraki
305-8575 Japan
AUTHOR EMAIL: y-kawa@md.tsukuba.ac.jp
Life Sciences (LIFE SCI.) (United States) 23 AUG 2002, 71/14
(1607-1614)
CODEN: LIFSA ISSN: 0024-3205
PUBLISHER ITEM IDENTIFIER: S0024320502018428
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 18

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Display 7/3/23 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

02542669 JICST ACCESSION NUMBER: 95A0696407 FILE SEGMENT: JICST-E
Activation of Nuclear Factor KB in Ischemia Reperfusion Injury.
MURAOKA KEIICHI (1)
(1) Sch. of Med., Kanazawa Univ.
Kanazawa Daigaku Juzen Igakkai Zasshi(Journal of the Juzen Medical Society)
, 1995, VOL.104,NO.1, PAGE.54-63, FIG.11, REF.53
JOURNAL NUMBER: G0716AAY ISSN NO: 0022-7226
UNIVERSAL DECIMAL CLASSIFICATION: 617-09
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

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Display 7/3/24 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2004 The HW Wilson Co. All rts. reserv.

04508067 H.W. WILSON RECORD NUMBER: BGSA01008067 (USE FORMAT 7 FOR
FULLTEXT)
Cellular mechanisms of oxygen sensing.
Lopez-Barneo, Jose
Pardal, Ricardo; Ortega-Saenz, Patricia
Annual Review of Physiology v. 63 (2001) p. 259-87
SPECIAL FEATURES: bibl il ISSN: 0066-4278
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 12311

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Display 7/3/25 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01520886 ORDER NO: AAD96-39803
REGULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR GENE EXPRESSION BY HYPOXIA
Author: FORSYTHE, JO ANN
Degree: PH.D.
Year: 1996
Corporate Source/Institution: UNIVERSITY OF MARYLAND AT BALTIMORE (0373)
Source: VOLUME 57/07-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 4131. 109 PAGES

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